| U.S. Patent and Trademark Office; U.S. | S. DEPARTMENT OF COMMERCE |
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| Sheet | | 1 | of | 3 | | Attor | ney Docket Number | 46417.001028 | | | |
| U.S. PATENT DOCUMENTS | | | | | | | | | | | |
| *Examiner | | | | Publication Date MM-DD-YYYY | | Name of Patentee or Applicant of Cited Document | | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | | | |
| 1 | 1. | US- R | e 34,004 | ļ | 07-21-19 | 992 | ROGOFF et al. | | | | |
| | 2. | US- 20 | 001/0022 | 2558 A1 | 09-20-20 | 001 | KARR, JR. et al. | | | | |
| | 3. | US- 20 | 002/0196 | 6186 A1 | 12-26-20 | 002 | HOLT | | | | |
| | 4. | US- 20 | 002/0196 | S187 A1 | 12-26-20 | 002 | HOLT | | | | |
| | 5. | US- 20 | 002/0196 | 6188 A1 | 12-26-20 | 002 | HOLT | | | | |
| | 6. | US- 20 | 002/0196 | 6327 A1 | 12-26-20 | 002 | RUI et al. | | | | |
| | 7. | US- 2003/0008265 A1 | | 01-09-2003 | | HULET | | | | | |
| | 8. | US- 2003/0043073 A1 | | 03-06-2003 | | GRAY et al. | | | | | |
| | 9. | US- 2003/0048224 A1 | | 03-13-2003 | | BENNER et al. | | | | | |
| | 10. | US- 2003/0052821 A1 | | 03-20-20 | 003 | HOLT | | | | | |
| | 11. | US- 2003/0085840 A1 | | 05-08-20 | 003 | BENNER et al. | | | | | |
| } | 12. | US- 4, | 626,861 | | 12-02-19 | 986 | WILEY | | | | |
| | 713 . | US- 4, | 910,526 | | 03-20-19 | 990 | DONNANGELO et al. | | | | |
| AM | 14. | US- 5, | 075,694 | | 12-24-19 | | | | | | |
| | r | п | | FC | REIGN P | ATEN | IT DOCUMENTS | T · · · · · · · · · · · · · · · · · · · | | | |
| | | FOREIGN | PATENT | DOCUMENT | | | | | ÷ | | |
| *Examiner | Cite | Country Code: | | r - Kind Code known) | Publication D | ate | Name of Patentee or | | olumns, Lines, evant Passages | TRANSLATION | |
| Irditial | No. | C006. | (" | - Kilowilly | MM-DD-YY | YY A | Applicant of Cited Document | | Figures Appear | YES | NO |
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| | *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | | | | | | | | | | |

| Substitute for form 1449A/PTO | | | | | | Application Number | | 10/814,650 | | | |
|---------------------------------|---|------------------|------------------|-------------------------|------------------|--|---|---|----------------------------------|---------|-------|
| INFORMATION DISCLOS | | | SUDE | Filin | g Date | April 1, 2004 Michael Eugene COLUZZI et al. | | | | | |
| INFORMATION DISCLOS | | | | First | t Named Inventor | | | | | | |
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| (use as many sheets as necessar | | | | as necessai | y) | Examiner Name | | Unassigned Beam Leu | | | 1 |
| Sheet 2 of 3 | | | | 3 | | Atto | rney Docket Number | 46417.0010 | 028 | | |
| | | | | • | U.S. PAT | ENT | DOCUMENTS | | | | |
| Examiner Initials | | | | Publication MM-DD-Y | | Name of Patente Applicant of Cited Do | | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | | | |
| 5 | 15. | US- 5, | 446,461 | | 08-29-19 | 995 | FRAZIER | | | | |
| 1 | 16. | US- 5, | 508,708 | | 04-16-19 | 996 | GHOSH et al. | | | | |
| | 17. | US- 5, | 526,001 | | 06-11-19 | 996 | ROSE et al. | | | | |
| | 18. | US- 5, | 615,175 | | 03-25-19 | 997 | CARTER et al. | | | | |
| | 19. | US 5, | 659,520 | | 08-19-19 | 997 | WATSON et al. | | | | |
| | 20. | US- 5,920,278 | | 07-06-1999 | | TYLER et al. | | | | | |
| | 21. | US- 5,999,116 | | | 12-07-1999 | | EVERS | | | | |
| | 22. | US- 6,094,169 | | 07-25-2000 | | SMITH et al. | | | | | |
| | 23. | US- 6,211,811 B1 | | 04-03-2001 | | EVERS | | | | | |
| | 24. | US- 6,236,365 B1 | | 05-22-20 | 001 | LeBLANC et al. | | | | | |
| | 25. | US- 6, | 249,252 | B1 | 06-19-20 | 001 | DUPRAY | | | | |
| | 26. | US- 6, | US- 6,378,801 B1 | | 04-30-2 | 002 | PELL et al. | | | | |
| | 27. | US- 6, | 512,478 | B1 | 01-28-2003 | | CHIEN | | | | |
| | 28. | US- 6, | 522,296 | B2 | 02-18-20 | 003 | HOLT | | | | |
| b | 29. | US- 6, | 536,553 | B1 | 03-25-2003 | | SCANLON | | | | |
| 11/ | 30. | US- 6, | 615,155 | B2 | 09-02-2 | 003 | GILBOA | | | | |
| | | | | FC | PREIGN P | ATE | NT DOCUMENTS | · | | | |
| | | FOREIGN | PATENT | DOCUMENT | | | | | | | |
| *Examiner | Cite | Country Code: | Numbe | r - Kind Code known) | Publication 0 | ate | Name of Patentee or | Where Rele | olumns, Lines, evant Passages | TRANSLA | NOITA |
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| Substitute for form 1449A/PTO | | Application Number | 10/814,650 | | i | | | | | |
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| | | Filing Date | April 1, 2004 | | | | | | | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT | | | | | First Named Inventor | Michael Eugene COLUZZI et al. | | | | |
| | | | | Art Unit | 3661 | | | | | |
| · (use as many sheets as necessary) | | | | as necessary) | Examiner Name | Unassigned Regul | | | | |
| Sheet | | 3 | of | 3 | Attorney Docket Number | 46417.001028 | | | | |
| | OTHER DOCUMENTS - NON-PATENT LITERATURE DOCUMENTS | | | | | | | | | |
| *Examiner | Cite | | nclude na | ame of the author (in CAPITAL | LETTERS), title of the article (when a | LETTERS), title of the article (when appropriate), title of the symposium, catalog, etc.), date, page(s), volume-issue | | | | |
| tráticia | No. | | ntern (| number(s), publish | er, city and/or country where publishe | ed | YES | МО | | |
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| *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | | | | | | | | | | |